

PLANT AND EQUIPMENT

1. DRILLING RIGS

Rig No.	Make	Model	Age and Years with Company (yrs - yrs)	Rotary Torque Capacity NM	Rated Capacity (Pullback Kg)
1	SCHRAMM	T130XD	15 - 9	13,500	60,000 KG + 38,000 KG
2	FOREMOST	DR24-HD	13 - 6	13,500	38,000 KG + 54,000 KG
3	FOREMOST	DR-24	14 - 14	17,000	26,000 KG + 38,000 KG
4	KLR	DTHR 450	13 - 13	12,000	22,500 KG
5	KLR	1500	21 - 21	12,000	14,500 KG
6	DSS - SIMBA	MK 1	10 - 10	13,500	19,500 KG
7	DSS - SIMBA	MK 2	2 - 2	13,500	38,000 KG + 54,000 KG

2. MUD PUMPS

Pump No.	Make	Model	Type	Capacity	Power Source
1	EMSCO	7 X 14	DUPLEX PISTON	800 GPM / 750 PSI	ENGINE
2	CBG	7 X 10	DUPLEX PISTON	450 GPM / 300 PSI	ENGINE
3	GARDNER DENVER	7 X 8	DUPLEX PISTON	450 GPM / 300 PSI	ENGINE
4	CBG	6 x 6	DUPLEX PISTON	190 GPM / 250 PSI	RIG SIMBA MK 1
5	VARISCO	6 x 6	VACUUM PRIME CENTRIFUGAL	340 M3/HR / 30M	ENGINE

3. COMPRESSORS AND BOOSTERS

Unit No.	Make	Model	Type	Rated Capacity (cfm)	Rated Pressure (psi)
1	A/COPCO	XRV-1200	SCREW	1200	350
2	A/COPCO	XRV-1200	SCREW	1200	350
3	A/COPCO	XRV-10	SCREW	960	350
4	ELGI	DZ23 048	SCREW	1200	350
5	ELGI	DZ23 044	SCREW	1100	350
6	ELGI	DZ23 044	SCREW	1100	350
7	ELGI	DZ23 044	SCREW	1100	350
8	ELGI	DZ23 044	SCREW	1100	350
9	ELGI	DZ23 044	SCREW	1100	350
10	ELGI	DZ23 044	SCREW	1100	350
11	SULLAIR	1150/500	SCREW	1350/1150	350/500
12	ATLAS COPCO	B7- BOOSTER	PISTON	2400	1000
13	KIRLOSKAR	K300SFV2	SCREW	1100	300

4. HIGH PRESSURE PUMPS AND CEMENT UNITS

T.P.U No.	Make	Model	Configuration	Capacity	Application
1	Flatwater	WFT	Triplex pump	2500 PSI/ 40 GPM	Hydrofracture Unit
2	KEYSTONE	2100	Triplex pump	2100 PSI / 40 GPM	Mist drilling - Underbalanced
3	ROSEWALL	5800	Double Drum w/Progressive Cavity Pump	175 PSI / 15 GPM	Cement Grouting

5. SOLIDS CONTROL EQUIPMENT

T.P.U No.	Make	Model	Configuration	Tank Capacity	Processing Capacity
1	TIBBAN	MP255-2SC	Twin Screen Shaker + Desander	4m3	500 GPM
2	DSS	SC-500	Twin Screen Shaker + Desander	8m3	500 GPM
3	DSS	SC-500	Twin Screen Shaker + Desander	8m3	500 GPM

6. TEST PUMPING UNITS

T.P.U No.	Truck Make	Model	Drive Configuration	Lifting Capacity - Single Line (ton)	Generator Capacity (KVA)
1	TATA	713 S	4 x 2	5	45 KVA

2	TATA	1212	4 x 4	5	100 KVA
3	TATA	713 S	4 x 2	5	45 KVA
4	TATA	713 K	4 x 4	5	45 KVA

7. D.T.H. HAMMERS

Make	Model	Diameter (mm)	Bit Size Range (mm)
KLR	DIGGER 10	228	250-355
KLR	DIGGER 8	162	200-300
JCR	180	181	200-300
NUMA	CHALLENGER 125	317	380-480
JOYTECH	JT 510	510	590-864

8. ADDITIONAL TOOLS

TYPE OF TOOL	DESCRIPTION
ROCK ROLLER BITS	7 7/8" TO 36" TCI AND MILL TOOTH
CLAW BITS	6" TO 24"
DRAG BITS	6" TO 19"
HAMMER BITS	6" TO 25"
DRILL PIPE	4 1/2" X 4.5M - 675M 4 1/2" X 6M - 900M 4 1/2" X 9M - 1710M 5 1/2" X 5M - 350M 10 3/4" X 6M - 400M 10 3/4" X 6M DUAL WALL - 120M 18" X 6M - 96M
HOLE OPENER	14" CLAW TYPE 19" CLAW TYPE 23" CLAW TYPE 19" ROLLER TCI 23" ROLLER TCI
UNDERREAMER	26" ROLLER TCI
CASING PERFORATOR	10" TO 24" PNEUMATIC TYPE (UP TO 12mm WALL)
CASING CUTTER	10" TO 24" PNEUMATIC TYPE (UP TO 12mm WALL)
TEMPORARY CASING	8" X 6M - 120M
SEAMLESS API 5L LOW CARBON	10" X 6M - 180M 12" X 6M - 60M 16" X 6M - 240M 20" X 6M - 90M 24" X 6M - 90M 26" X 6M - 120M
OVERHAMMER STABILIZER	10" TO 23" FOR ABOVE HAMMERS

DRILL COLLARS	8" - 27M
	7" - 27M
	6" - 24M
	5" - 40M
STABILIZERS	19" SPIRAL
	12" SPIRAL
	10" SPIRAL
	8" SPIRAL
FISHING TOOLS	INSIDE TAPS (2" - 5")
	OUTSIDE TAPS (3" - 6")
	CIRCULATING OVERSHOT (4" - 8")
	FISHING MAGNETS - 8"
	BACK HAMMER (JAR) - PNEUMATIC 500KG
	BACK HAMMER (JAR) - PNEUMATIC 75 KG
	CASING SPEAR 6" - 12"
BREAKOUT/MAKEUP TONGS	SCORPION LRT-2000 (UP TO 36"DIA.)
INSPECTION/LOGGING	WIRELINE LOGGER - 600M (SN/LN/SP/SPR/NGAM)
	DOWNHOLE CAMERA - COLOUR/SIDE/DOWN 300M
WATER LEVEL DIPPERS	150M, 200M, 250M, 300M, 350M, 400M
COMMUNICATION /	KENWOOD TRC 70
RADIO EQUIPMENT	KENWOOD TRC 80
	KACHINA 104
	THURAYA SATELLITE PHONE
CONDUCTIVITY METER	HANNA DIST 4 PLUS
	AMBER SCIENCE 4083
PH METER	EU TECH

9. WELDING EQUIPMENT

Unit No.	Engine Make	Engine H.P	Generator KVA	Duty Cycle
1	ADVANI MIG 400A	15	400A	80%
2	OXFORD 300 A	N/A	300A	80%
3	PICKHILL 300A	N/A	300A	80%
4	TELWIN 250A	N/A	250A	80%
5	MARELLI ALTERNATOR	10	200A	80%

10. TEST PUMPS

Pump No.	Make	Type	Cable length	Power	Optimum Rating (m3/hr @ m head
1	SHAKTI	F5-32	150m	4 KW	3m3/hr @ 120m
2	SHAKTI	F10-30	150m	11 KW	9m3/hr @ 200m
3	SHAKTI	QF12-37	200m	4 KW	8m3/hr @ 150m
4	SHAKTI	QF12-44	200m	5.5 KW	8m3/hr @ 180m
5	SHAKTI	F12-50	100m	7.5 KW	8m3/hr @ 200m
6	SHAKTI	QF50-21	250m	18.5 KW	20m3/hr @ 200m
7	SHAKTI	QF50-33	350m	22 KW	20m3/hr @ 320m

8	GRUNDFOS	SP30-28	250m	22 KW	32m ³ /h ₃ @ 200m
9	SHAKTI	QF75-20	200	30 KW	45m ³ /h ₃ @ 200m
10	GRUNDFOS	SP77-9	150m	30 KW	60m ³ /hr @ 160m
11	SHAKTI	QF270-7AA	150m	75 KW	140m ³ /hr @ 140m
12	SHAKTI	QF360-6	250m	110 KW	160m ³ /hr @ 200m
13	CAPRARI	E18S64/1B	100m	110 KW	860M ³ /hr @ 40m

11. GENERATORS

Unit No.	Make	Type	Age (Years)	No.	KVA Rating
1	Cummins	3 phase	10	1	38 KVA
2	Kirloskar	3 phase	6	1	45 KVA
3	Kirloskar	3 phase	4	1	45 KVA
4	Kirloskar	3 phase	4	1	45 KVA
5	Kirloskar	3 phase	4	1	100 KVA
6	Kirloskar	3 phase	9	1	160 KVA
7	Sudhir	3 phase	6	1	250 KVA
8	Cummins	3 phase	8	1	250 KVA

12. SUPPORT VEHICLES

Vehicle No.	Make	Model	Usage	Load	Drive
1	TATA	1116	SUPPORT TRUCK	6M3	4 X 2
2	TATA	1116	SUPPORT TRUCK	6M3	4 X 2
3	TATA	1518	SUPPORT TRUCK	10T	4 X 2
4	TATA	1518	SUPPORT TRUCK	10T	4 X 2
5	TATA	2516	SUPPORT TRUCK	15T	6 X 4
6	TATA	2516	SUPPORT TRUCK	15T	6 X 4
7	FAW	4322	PRIME MOVER + HIAB TRAILER	38T	6 X 4
8	TATA	2516	HIAB SUPPORT TRUCK	15T	6 X 4
9	TATA	2523	HIAB SUPPORT TRUCK	15T	6 X 4
10	TATA	1518	WATER TANKER	10M3	4 X 2
11	TATA	1518	WATER TANKER	10M3	4 X 2
12	TATA	1116	WATER TANKER	6M3	4 X 2
13	TATA	407	PICKUP	2T	4 X 2
14	TATA	407	PICKUP	2T	4 X 2
15	TATA	407	STAFF BUS	2T	4 X 4
16	TATA	407	STAFF BUS	2T	4 X 4
17	MITSUBISHI	L200	D/CAB PICKUP	0.5T	4 X 4
18	MITSUBISHI	L200	D/CAB PICKUP	0.5T	4 X 4
19	MITSUBISHI	L200	D/CAB PICKUP	0.5T	4 X 4
20	NISSAN	PATROL	PICKUP	1T	4 X 4
21	NISSAN	PATROL	PICKUP	1T	4 X 4
22	TOYOTA	L/CRUISER	PICKUP	1T	4 X 4
23	TOYOTA	L/CRUISER	PICKUP	1T	4 X 4
24	BOBCAT	S130	SKIDSTEER LOADER/EXCAVATOR	0.2M3	4 X 2
25	UNIVERSAL	600	CEMENT MIXER - SELF LOAD	0.6M3	TRAILER